



SEQUENCE LISTING

<110> Carney, Darrell H.
 Crowther, Roger S.
 Simmons, David J.
 Yang, Jinping
 Redin, William R.

<120> Stimulation of Bone Growth with Thrombin
 Peptide Derivatives

<130> 3033.1002-004

<140> US 10/050,692

<141> 2002-01-16

<150> US 09/909,122

<151> 2001-07-19

<150> US 60/219,300

<151> 2000-07-19

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human prothrombin

<400> 1

Cys	Glu	Gly	Asp	Ser	Gly	Gly	Pro	Phe	Val
1				5					10

<210> 2

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human prothrombin

<221> VARIANT

<222> (2)...(2)

<223> Xaa = Glu or Gln

<221> VARIANT

<222> (9)...(9)

<223> Xaa = Phe, Met, Leu, His or Val

<400> 2

Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
 1 5 10

<210> 3

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human prothrombin

<400> 3

Arg Gly Asp Ala
 1

<210> 4

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human prothrombin

<221> VARIANT

<222> (6)...(6)

<223> Xaa = Glu or Gln

<221> VARIANT

<222> (13)...(13)

<223> Xaa = Phe, Met, Leu, His or Val

<400> 4

Arg Gly Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val
 1 5 10

<210> 5

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human prothrombin

<400> 5

Ala Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
 1 5 10 15
 Asp Ser Gly Gly Pro Phe Val
 20

<210> 6

<211> 23

<212> PRT
<213> Artificial Sequence

<220>
<223> c-terminal amidated fragment of human thrombin

<221> AMIDATION
<222> (23)...(23)
<223> valine is amidated

<400> 6
Ala Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
1 5 10 15
Asp Ser Gly Gly Pro Phe Val
20

<210> 7
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> c-terminal amidated fragment of human thrombin

<221> AMIDATION
<222> (23)...(23)
<223> valine is amidated as NH2

<400> 7
Ala Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
1 5 10 15
Asp Ser Gly Gly Pro Phe Val
20